

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Changming Liu et al.

Application No.: 09/658,424

Filed: September 8, 2000

For: GUARANTEED BANDWIDTH
SHARING IN A TRAFFIC
SHAPING SYSTEM



Group Art Unit: 2143

Examiner: D. England

**LETTER RE POWER OF ATTORNEY
AND STATEMENT UNDER 37 C.F.R. 3.73(b)**

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Sir:

Submitted herewith is a Power of Attorney, Exhibit A to Power of Attorney, and Statement under 37 C.F.R. 3.73(b) for the above-identified patent application.

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: 

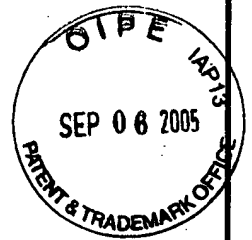
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Date: February 2, 2005

STATEMENT UNDER 37 CFR 3.73(b)



Applicant/Patent Owner: Changming Liu et al.

Application No./Patent No.: 09/658,424

Filed/Issue Date: September 8, 2000

Entitled: GUARANTEED BANDWIDTH SHARING IN A TRAFFIC SHAPING SYSTEM

Juniper Networks, Inc., a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Changming Liu et al. To: NetScreen Technologies, Inc.
The document was recorded in the United States Patent and Trademark Office at Reel 013143, Frame 0253, or for which a copy thereof is attached.
2. From: NetScreen Technologies, Inc. To: Juniper Networks, Inc.
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

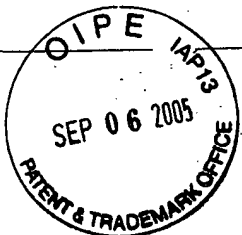
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

February 2, 2005
Date

Paul A. Harrity
Typed or printed name

BEA
Signature

Attorney for Assignee
Title



PTO/SB/81 (11-04)

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**POWER OF ATTORNEY
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INDICATION FORM**

Application Number	Attachment: EXHIBIT A
Filing Date	
First Named Inventor	
Title	
Art Unit	
Examiner Name	
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.

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☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	1/13/05
Name	Mitchell Gaynor	Telephone	(408) 745-2384
Title and Company	Vice President, Juniper Networks, Inc.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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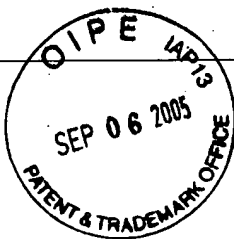


EXHIBIT A TO POWER OF ATTORNEY

H&S Ref. No.	Juniper Ref. No.	Serial No.	Filing Date
0023-0001	JNP-0021	09/706,752	11/7 /2000
0023-0003	JNP-0023	09/749,585	12/28/2000
0023-0004	JNP-0024	09/751,841	1 /2 /2001
0023-0008	JNP-0035	09/859,581	5 /18/2001
0023-0009	JNP-0037	09/879,176	6 /13/2001
0023-0010	JNP-0038	10/358,274	2 /5 /2003
0023-0012	JNP-0040	09/745,743	12/26/2000
0023-0014	JNP-0068	09/751,454	1 /2 /2001
0023-0016	JNP-0045	09/716,352	11/21/2000
0023-0020	JNP-0057	09/751,449	1 /2 /2001
0023-0026	JNP-0055	09/752,828	1 /3 /2001
0023-0027	JNP-0069	09/752,827	1 /3 /2001
0023-0029	JNP-0075	10/417,196	4 /17/2003
0023-0030	JNP-0067	09/942,630	8 /31/2001
0023-0032	JNP-0065	09/985,683	11/5 /2001
0023-0033	JNP-0064	09/942,625	8 /31/2001
0023-0035	JNP-0062	09/984,315	10/29/2001
0023-0036	JNP-0080	09/895,218	7 /2 /2001
0023-0037	JNP-0089	09/795,454	3 /1 /2001
0023-0038	JNP-0088	09/905,068	7 /16/2001
0023-0039	JNP-0086	09/931,045	8 /17/2001
0023-0040	JNP-0084	09/966,094	10/1 /2001
0023-0041	JNP-0087	09/955,122	9 /19/2001
0023-0042	JNP-0085	09/991,109	11/26/2001
0023-0043	JNP-0093	09/942,623	8 /31/2001
0023-0044	JNP-0091	09/967,943	10/2 /2001
0023-0045	JNP-0058	10/202,394	7 /25/2002
0023-0046	JNP-0059	10/206,997	7 /30/2002
0023-0047	JNP-0060	10/206,993	7 /30/2002
0023-0048	JNP-0095	09/984,325	10/29/2001
0023-0049	JNP-0113	10/050,106	1 /18/2002
0023-0050	JNP-0094	10/050,107	1 /18/2002
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0023-0052	JNP-0102	10/087,826	3 /5 /2002
0023-0053	JNP-0108	10/120,380	4 /12/2002
0023-0054	JNP-0114	10/152,006	5 /22/2002
0023-0055	JNP-0118	10/062,424	2 /5 /2002
0023-0056	JNP-0123	09/985,676	11/5 /2001
0023-0057	JNP-0120	10/193,194	7 /12/2002
0023-0058	JNP-0076	10/207,006	7 /30/2002
0023-0059	JNP-0116	10/092,532	3 /8 /2002
0023-0060	JNP-0115	10/208,008	7 /31/2002
0023-0061	JNP-0061	10/207,008	7 /30/2002
0023-0062	JNP-0127	10/024,553	12/21/2001
0023-0063	JNP-0107	10/102,951	3 /22/2002
0023-0064	JNP-0129	10/102,960	3 /22/2002
0023-0065	JNP-0130	10/102,932	3 /22/2002
0023-0066	JNP-0131	10/102,961	3 /22/2002
0023-0067	JNP-0132	10/102,931	3 /22/2002
0023-0068	JNP-0133	10/102,933	3 /22/2002
0023-0069	JNP-0134	10/102,958	3 /22/2002
0023-0070	JNP-0090	10/120,443	4 /12/2002
0023-0071	JNP-0077	10/206,998	7 /30/2002
0023-0072	JNP-0078	10/207,001	7 /30/2002
0023-0073	JNP-0079	10/207,002	7 /30/2002
0023-0074	JNP-0128	10/206,991	7 /30/2002
0023-0075	JNP-0101	10/206,990	7 /30/2002
0023-0076	JNP-0111	10/290,311	11/8 /2002
0023-0077	JNP-0117	10/192,859	7 /11/2002
0023-0078	JNP-0122	10/098,493	3 /18/2002
0023-0079	JNP-0310	10/419,798	4 /22/2003
0023-0080	JNP-0136	10/058,142	1 /29/2002
0023-0081	JNP-0149	10/128,255	4 /24/2002
0023-0082	JNP-0150	10/120,610	4 /12/2002
0023-0083	JNP-0151	10/092,509	3 /8 /2002
0023-0085	JNP-0170	10/193,212	7 /12/2002
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0023-0089	JNP-0207	10/234,455	9 /5 /2002
0023-0090	JNP-0205	10/197,484	7 /18/2002
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0023-0092	JNP-0160	10/241,759	9 /12/2002
0023-0093	JNP-0210	10/219,819	8 /16/2002
0023-0094	JNP-0213	10/659,739	9 /11/2003
0023-0095	JNP-0214	10/355,243	1 /31/2003
0023-0096	JNP-0162	10/424,794	4 /29/2003
0023-0097	JNP-0215	10/298,552	11/19/2002
0023-0098	JNP-0202	10/283,216	10/30/2002
0023-0099	JNP-0226	10/667,978	9 /23/2003
0023-0100	JNP-0178	10/223,328	8 /20/2002
0023-0102	JNP-0182	10/300,639	11/21/2002
0023-0103	JNP-0222	10/227,835	8 /27/2002
0023-0104	JNP-0219	10/241,686	9 /12/2002
0023-0105	JNP-0161	10/298,606	11/19/2002
0023-0106	JNP-0225	10/355,239	1 /31/2003
0023-0107	JNP-0224	10/378,858	3 /5 /2003
0023-0108	JNP-0227	10/355,244	1 /31/2003
0023-0109	JNP-0212	10/378,868	3 /5 /2003
0023-0110	JNP-0165	10/374,712	2 /27/2003
0023-0111	JNP-0232	10/310,778	12/6 /2002
0023-0112	JNP-0235	10/338,678	1 /9 /2003
0023-0114	JNP-0238	09/237,128	1 /25/1999
0023-0115	JNP-0240	09/336,090	6 /18/1999
0023-0116CON1	JNP-0004-01	10/081,048	2 /20/2002
0023-0118	JNP-0007	09/354,640	7 /15/1999
0023-0120	JNP-0239	09/336,229	6 /18/1999
0023-0123DIV1	JNP-0242.01	10/665,349	9 /22/2003
0023-0124	JNP-0295	10/361,626	2 /11/2003
0023-0125	JNP-0245	10/825,174	4 /16/2004
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0023-0129CIP	JNP-0185.01	10/033,383	10/24/2001
0023-0130	JNP-0186	09/974,030	10/10/2001
0023-0131	JNP-0187	09/974,332	10/10/2001
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0023-0133	JNP-0190	09/841,031	4 /24/2001
0023-0134	JNP-0191	09/798,437	3 /2 /2001
0023-0135	JNP-0191.01	09/800,397	3 /5 /2001
0023-0136	JNP-0192	09/715,992	11/16/2000
0023-0137	JNP-0193	09/939,129	8 /24/2001
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0023-0139	JNP-0195	10/072,625	2 /6 /2002
0023-0140	JNP-0196	09/999,790	10/25/2001
0023-0142	JNP-0198	10/032,622	10/25/2001
0023-0143	JNP-0199	09/999,793	10/25/2001
0023-0144	JNP-0200	10/096,329	3 /11/2002
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0023-0146	JNP-0216	10/120,968	4 /10/2002
0023-0147	JNP-0294	10/429,781	5 /6 /2003
0023-0148	JNP-0299	10/382,863	3 /7 /2003
0023-0149	JNP-0300	10/405,341	4 /3 /2003
0023-0150CON1	JNP-0020.01	10/920,237	8 /18/2004
0023-0151	JNP-0003.01	10/310,462	12/4 /2002
0023-0154	JNP-0017	09/534,838	3 /24/2000
0023-0155	JNP-0072	10/017,719	12/14/2001
0023-0156	JNP-0121	10/211,635	8 /2 /2002
0023-0157	JNP-0126	09/990,204	11/21/2001
0023-0158	JNP-0147	09/990,077	11/21/2001
0023-0159	JNP-0125	10/063,216	3 /29/2002
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0023-0167	JNP-0015	09/470,565	12/22/1999
0023-0168	JNP-0211	10/856,852	6 /1 /2004
0023-0169	JNP-0246	10/857,018	6/1/2004
0023-0170	JNP-0306	10/359,215	2 /6 /2003
0023-0171	JNP-0143	10/063,358	4 /15/2002
0023-0172	JNP-0248	10/890,383	7 /14/2004
0023-0173	JNP-0247	10/887,081	7 /9 /2004
0023-0174	JNP-0308	10/608,215	6 /30/2003
0023-0175	JNP-0124	10/848,574	5 /19/2004
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0023-0182	JNP-0329	10/791,743	3 /4 /2004
0023-0183	JNP-0228	10/681,259	10/9 /2003
0023-0186	JNP-0339	10/863,772	6 /9 /2004
0023-0188	JNP-0340	10/766,962	1 /30/2004
0023-0189	JNP-0350	10/860,016	6 /4 /2004
0023-0190	JNP-0349	10/883,655	7 /6 /2004
0023-0191	JNP-0345	10/876,625	6 /28/2004
0023-0192	JNP-0346	10/876,624	6 /28/2004
0023-0193	JNP-0347	10/912,041	8 /6 /2004
0023-0194	JNP-0377	10/934,558	9 /7 /2004
0023-0195	JNP-0379	10/917,338	8 /13/2004
0023-0196CON1	JNP-0351.01	10/765,677	1 /26/2004
0023-0199	JNP-0325	10/186,239	6 /26/2002
0023-0200	JNP-0353	09/658,424	9 /8 /2000
0023-0202	JNP-0354	09/967,893	9 /27/2001
0023-0203	JNP-0355	10/112,924	3 /28/2002
0023-0204	JNP-0356	09/967,878	9 /28/2001
0023-0205CON1	JNP-0357.01	10/893,283	7 /19/2004

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0023-0207	JNP-0358	10/402,920	3 /28/2003
0023-0208	JNP-0359	10/407,823	4 /4 /2003
0023-0209	JNP-0360	10/072,683	2 /8 /2002
0023-0210	JNP-0361	10/961,075	10/12/2004
0023-0211	JNP-0362	10/976,311	10/29/2004
0023-0212	JNP-0363	10/976,026	10/29/2004
0023-0214	JNP-0365	10/765,676	1 /26/2004
0023-0215	JNP-0366	10/456,354	6 /5 /2003
0023-0216	JNP-0367	09/706,181	11/3 /2000
0023-0217	JNP-0368	09/706,182	11/3 /2000
0023-0218	JNP-0369	09/706,297	11/3 /2000
0023-0219	JNP-0370	09/706,296	11/3 /2000
0023-0220	JNP-0371	10/060,792	1 /29/2002
0023-0221	JNP-0372	10/060,525	1 /29/2002
0023-0222	JNP-0373	10/410,619	4 /8 /2003
0023-0223	JNP-0380	10/937,381	9 /10/2004
0023-0226	JNP-0392	10/971,687	10/25/2004
0023-0227	JNP-0391	10/970,735	10/22/2004
0023-0229	JNP-0393	10/985,016	11/10/2004
0023-0230	JNP-0403	10/990,338	11/17/2004
0023-0232	JNP-0402	10/990,347	11/17/2004
0023-0233	JNP-0394	10/988,835	11/16/2004
0023-0234	JNP-0397	10/990,352	11/17/2004
0023-0235	JNP-0396	10/990,349	11/17/2004
0023-0236	JNP-0400	10/984,903	11/10/2004
0023-0237	JNP-0405	10/986,159	11/12/2004